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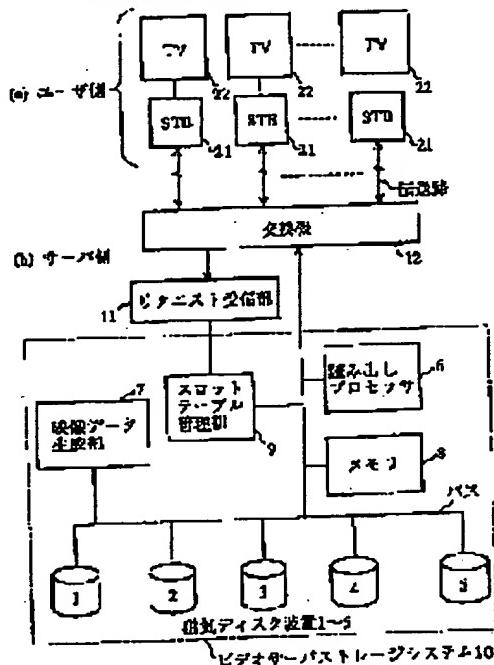
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(54) SERVER SIDE SYSTEM FOR STORAGE SYSTEM AND VIDEO-ON-DEMAND SYSTEM

(57)Abstract:

PURPOSE: To provide a server side system for a storage system and a video-on-demand system which is good in access efficiency, low-cost, and high in reliability.

CONSTITUTION: Magnetic disk devices 1 to 4 store video data which is compression-encoded, and striped at every 256 KB in conformity to MPEG (motion picture coding expert group) 2, and the magnetic disk device 5 stores backup data to be the source of the video data obtained by compression-encoding the video data in conformity to the MPEG1 at every 64 KB. The backup data corresponding to the video data stored in the magnetic disk devices 1 to 4 is stored in the magnetic disk device 5. In the ordinary case, a processor 6 reads the requested video data out of the magnetic disk devices 1 to 4, and also, it detects the fault of the magnetic disk devices 1 to 4, and reads the corresponding backup data out of the magnetic disk device 5 instead of reading the video data in the faulty magnetic disk device.



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